



# Dworshak Fisheries Complex

## Monthly Activity Report



### October Highlights

#### Dworshak

SST BY16 - 2,453,567

SCS BY16 - 3,025,597

COS BY 16 - 1,197,500

SCS BY15 - 1,519,025

COS BY 15 - 288,584

#### Kooskia

BY 16 Chinook - 763,349

BY 15 Chinook - 693,198

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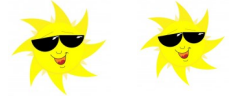
### U.S. Fish & Wildlife Service, Region 1

#### Managers Message - Steve Rodgers

Volume 6 Issue 1



A Positive Attitude is the Foundation for Success!



All of us have been working on ways to make the Dworshak Complex a better workplace. We all recognize we have good jobs and are blessed to work with fish in a beautiful place, but that alone is not enough to create true and long-lasting job satisfaction. Some have said Dworshak is just a tough place to work, and will always have a rollercoaster team morale. I do not agree with this sentiment, and believe we have the tools to change that perception. The tools are all of you.

I've spoken with many of you individually or in groups, and come to recognize one personal trait that does more to foster a happy workplace than any other. That trait is a positive attitude. We have several employees, past and present, who consistently demonstrate an optimistic demeanor. They don't seem to care who they work with, or what they're doing, they just choose to smile and enjoy the day. Their positive outlook gets them through anything, and never waivers.

There are two powerful outcomes that occur when a person has a positive attitude. First, can-do people enjoy an internal feeling of well-being; which helps reduce stress, improves health, etc. I believe these people choose to have this outlook, and consciously 'turn on' a good attitude before going out to meet the day. It's a behavior of success, and one we should all strive to adopt.

The other remarkable outcome of a positive attitude is how 'catchy' it is. When one person is happy and feeling good, it tends to migrate to others in the group, and all of a sudden everyone is happy and productive. We see this just before a holiday and time with family; we feel it when team members successfully work through a crisis and get the job done; I hear it in the conference room every Friday morning as folks laugh and talk about their plans for the weekend.

I remember Rick Allain, whose laughter was heard throughout the grounds each and every day. I remember LouAnn Lasswell, who truly cared about the fish and all of us. These people were consistently happy, and helped all of us have better days. We have a number of current employees who share this ability. They maintain a bright and cheery perspective regardless of circumstance. You know who they are, and we're glad they are here. What a difference they make.

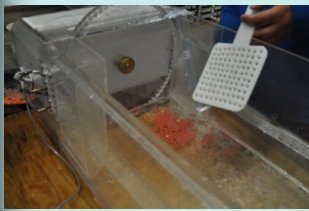
I challenge each of us to follow their lead, and strive to maintain a positive attitude through thick and thin. It can and will make an immediate and lasting difference. A positive attitude has carried people through wars, and personal loss, and hardships beyond measure throughout history. It can serve us well here too.

If you are one of those special people that work in Dworshak Complex and maintain a positive attitude day after day, we thank you. Your attitude and enthusiasm is the foundation for our success. The rest of us are working on it..



Credit: KNFH

Eggs from Take 1 reached 491 temperature units. The eggs were shocked this month.



Credit: KNFH

Take 1 egg enumeration was completed. There were 7,839 bad eggs and 48,710 good eggs.



Credit: KNFH

## **Dworshak Hatchery Production - Izbicki, Sommer, Bisbee**

### **Dworshak Stock - Spring Chinook Salmon (SCS)**

#### ***Brood Year 2015 (BY15)***

By the end of the month there were 1,519,025 BY 15 SCS fry in 30 raceways. Fry averaged 57 FPP (fish per pound). All Dworshak SCS were moved off #2 Crum feed on 10/18 and moved onto 1.2mm Bio Vita Fry on 10/19. Fish were then moved to BioOlympic Fry 1.5mm on 10/29. The *Phoma herbarum* fungus subsided this month with mortality dropping down to 0.2%. "A" bank ponds have roughly 45,000 fish per pond, and 8 of the 15 "B" bank ponds have 65,000 fish per pond. The remaining "B" bank ponds have 45,000 fish per pond. The shade cloth covering the SCS Raceways was removed in October thanks to the help of 8 Idaho Youth Challenge cadets.

#### ***Brood Year 2016 (BY16)***

Brood year 2016 eggs continued to incubate on chilled water in October. As of the end of the month, eggs were on chilled water at an average of 37 degrees, with only the last couple takes still on reservoir water at an average temperature of 44.2 degrees. Eliza tests for BKD identified 11 female egg groups which are above the 0.25 cut-off limit. Unfortunately, there were 17 female egg groups from the NPTHC transfer group above the identified cull limit for BKD. Eggs are treated with a formalin drip 3 times weekly and will continue to be treated until just prior to hatching. Eggs will begin eying up the beginning of November.

### **Coho Salmon (COS)**

#### ***Brood Year 2015 (BY 15)***

At the end of October there were 288,584 Umatilla, Kalama, Irrigon, and Clearwater stock Coho fry in 5 Burrow's ponds and 2 semi-circular tanks set into modified Burrow's ponds in System 3. Fry averaged 70fpp and mortality averaged 0.7%.

#### ***Brood Year 2016***

Coho spawning took place in October with three spawning events. On 10/20/16 42 females were spawned at Dworshak NFH with an estimated 105,000 eggs going into incubation. On 10/27/16, 316 females were spawned with an estimated 892,500 eggs going into incubation. The final Coho spawn for October was on 10/28/16 where 80 females were spawning and 200,000 eggs were put into incubation.

### **Dworshak Stock- Summer Steelhead (SST)**

#### ***Brood Year 2016 (BY 16)***

October was the first month where there were no fish moves for BY 16 SST. Takes 1-9 were on demand feeders being fed Skretting Classic Trout 2.5mm. Takes 10 and the mixed cells were being hand fed BioPro2 1.5 or 2.0 mm feed. Unfortunately we saw our first diseases in the BY16 SST this month. BP's 21, 23, & 25 had increased mortality. Samples were collected by fish health on 10/5/16 and they determined that these fish have IHNV. The mortality has been at a chronic low level of about 25-60 fish a day. These ponds are being kept isolated from the rest of the ponds and strict biosecurity measures are being followed. On 10/12/16 mortality increased in BP's 33, 35, & 37. These fish were diagnosed with bacterial gill disease and were treated with Chloramine-T for 3 days.

At the end of October there were 2,453,567 fry from Takes 1-10 in System 1, 2, & 3 averaging 17.0 fpp. Mortality in the Systems was 0.28%.



(Continued page 3)

**Dworshak Hatchery Production**

(Continued from page 2)

**Dworshak Stock- Summer Steelhead (SST)*****Brood Year 2017 (BY 17)***

Brood Year 2017 SST collections have begun!! Our early SST broodstock goals are 400 ponded adults. These fish will be collected over three months with 150 fish being ponded in October, 150 adults being ponded in November, and 100 adults being ponded in December. To meet the October broodstock goal, the fish ladder was opened on October 11 to collect early returning adults for BY17 broodstock. The ladder was open for approximately 6 hours and trapped 584 fish. Fish were sorted by FWCO and Hatchery staff on 10/18/16. See Table 1 for the trapping summary. Broodstock goals for October were 150 adults ponded. All CWT fish were ponded. We kept females 75cm or greater again this season. All trapped fish received a left opercle V-notch. Surplus fish were outplanted at the Hocus boat ramp. Adult broodstock are being with formalin treated three times per week to control fungal growth.

Table 1. BY17 SST Trapping Summary, October 2016.

	SST		Coho		
	M	F	M	F	
Total	159	321	1	3	
Ponded	75	73	1	3	
Outplanted	84	248	0	0	
Ladder Count	584	Sorted Count	484	% Accuracy	82.9

**SUMMARY**

Table 2. Total Production - Fish on Station (10/31/16).

SP	BY	Location	Number	Wt (lbs)	FPP	L in	L mm
SCS BY 16	16	Incubation (Eggs)	3,025,597				
SCS BY 15	15	Raceways	1,519,025	26,519	57	3.9	99
SST BY 16	16	Systems	2,453,567	172,225	17	5.8	147
COS BY 16	16	Incubation (Eggs)	1,197,500				
COS BY 15	15	System III	288,584	4,550	70	3.5	88
<b>Total Fish/Fry on Station EOM</b>			<b>8,484,273</b>	<b>203,294</b>			

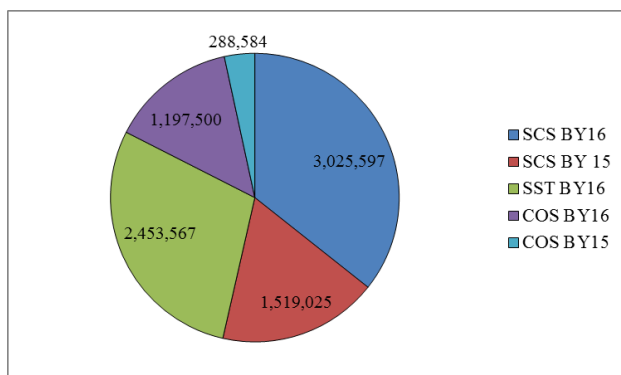


Figure 1. October 31, 2016 Total Fish/Eggs on Station.



The 2016 Combined Federal Campaign began in October.



Credit: Olson, FWS

Electricians Jim and Kurt work together to get electricity and pumps working in the formalin storage shed.



## **Dworshak NFH Meetings, Training and Conferences - Drobish**

On October 7th, staff from Bonneville Power Administration (BPA), the National Oceanic and Atmospheric Administration (NOAA) and Mark Robinson, USFWS (LSRCP) visited and toured the Dworshak Fish Hatchery. The focus of the tour was on the mitigation role of the hatchery, joint management of the facility and the various challenges for sustainability of the facility into the future.

BPA Staff: Maura Moody, Katey Grange, Jonathon McCloud, Kristen Jule and Brady Allen.

NOAA Staff: Charlene Hurst, Allyson Purcell, Emily Reynolds, Natasha Meyers and Cherry Emi Kondo.

On October 11th, the ladder was opened to begin collecting summer steelhead and coho salmon for each programs broodstock needs.

On October 12th, Adam Izbicki, Tom Tighe, Angela Feldmann, Steve Jeffers and Jaden Hudson attended FINS Training in Boise, Idaho.

October 26th, Maintenance and Operations staff conducted Emergency Operations Training rotations in the event of power outages.

## **DNFH Maintenance and Operations Activity Report - Koehler**

- Adult holding pond sprinkler system was shut off for the season and winterized.
- Additional parts were ordered for nursery LED lighting due to requested changes. New parts are in and installation continues.
- All lights in feed building have been replaced with LED light bulbs.
- All outside pole lighting has been repaired and now working as intended.
- Electrical has been completed in the new formalin application building.
- Batteries for the two Caterpillar generators have been replaced to complete their five year replacement schedule.
- An AED has been hung in the Fish Health building.
- Working with Electrical contractor on scheduling for shorted electrical feed replacement.
- Replaced broken windshields on two production Titan carts.
- Finished installation of snow plows in preparation of winter weather.
- We have ordered FR clothing and PPE for electrical department.

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**DNFH Maintenance and Operations Activity Report - Koehler**

(Continued from page 4)

Maintenance has completed 57 Mechanical and 16 electrical PMs and 14 written requests from hatchery staff for the month of October, 2016.

**Idaho Fish and Wildlife Conservation Office - Connor (for Project Leader)****Project Leader**

- Continued efforts to fill positions and to evaluate how the IFWCO organization chart, office structure, and function will change over the next 3 years .
- Coordinated Hagerman steelhead production and Dworshak steelhead spawning in 2016-17.
- Studied strategic, recovery, and management plans.
- Met with our USGS fall Chinook salmon research partner.
- Set up and prepared for a series of coordination meetings with LSRCF, IDFG, and Hagerman NFH personnel, as well as the IFWCO Salmon River satellite office the week of November 7.
- Participated in a LSRCF call regarding Hagerman NFH.
- Attended meetings in Portland.

**Dworshak Complex Monitoring and Evaluation Team**

- Attended the Hagerman HET meeting, participated in Dworshak BY2017 Steelhead ladder operation and sorting meeting, retrieved CWTs from BY2016 SCS, and worked on job descriptions.
- Attended training.
- Assisted during Coho salmon spawning at Dworshak National Fish Hatchery.
- Attended a fish population dynamics and modeling course in Cedar Key, FL.
- Coordinated with Hagerman NFH Hatchery Evaluation Team Members.
- Drafted an issue paper regarding rearing density of steelhead in the nursery for review by the HET.
- Responded to an issue regarding IFWCO participation in estimating spring Chinook salmon adult returns to Lower Granite Dam as part of the Dworshak NFH M&E program.
- Coordinated with the IDFG Genetics Lab.
- Reviewed all the adult return information collected to date on Dworshak NFH spring Chinook adult returns BYs 12 and 13.
- Attended the SRBA coordination meeting to present an update on the rearing density evaluation project for spring Chinook salmon.
- Provided preliminary results of on-station rearing performance and adult returns to date.
- Finished retrieving CWTs from Dworshak NFH spring Chinook salmon.

(Continued on page 6)



**Idaho Fish and Wildlife Conservation Office**

(Continued from page 5)

- Built a database to estimate returns of spring Chinook salmon to the hatchery.
- Participated in a fish population meeting with IDFG staff.
- Compiled historical data collected on spring Chinook salmon for IDFG.

**Aquatic Conservation Team**

- Attended the Upper Salmon Basin Tech Team meeting.
- Submitted FY17 Performance Targets for NFPP and WNTI project.
- Coordinated with the Salmon School Garden.
- Worked on FIS populations and plans module.
- Coordinated with ID Panhandle NF staff for FY17 fish passage proposals.
- Reviewed requested actions for the NWR climate change monitoring sites with CRFPO staff.
- Visited NFPP/NFHAP funded projects in Southeast Idaho in the Bear River, Portneuf River, Blackfoot River and SF Snake River.
- Participated in a Pacific Lamprey conservation team call.
- Attended meetings in Bonners Ferry.
- Toured nine project sites in the Portneuf, Blackfoot and South Fork Snake rivers where passage has been restored, streams have been restored, and fish screens have been installed to benefit Yellowstone cutthroat trout, Bonneville cutthroat trout and northern leatherside chub.
- Participated in the regional FAC I and E community of practice call.
- Discussed lamprey in the classroom, and other outreach activities.
- Dialed into the monthly project leader's call.
- Attended Salmon Trails meeting, where our partners met to revise the five year trails plan.
- Worked on performance reporting, FIS targets and reviewed documents for the project leaders meeting including FY16 Highlights reporting.
- Attended multiple meetings and webinars including Idaho Invasive Species Council, Fish Screen Oversight Committee, Quaking Aspen Management.
- Coordinated with Leadore School and Salmon School Garden project items.
- Reminded partners about the NFPP RFP deadline.
- Organized photos for upload into completed FONS projects (from SE Idaho tour October 13).
- Worked in FIS--FONS Fish Passage proposals and Populations Module.

**Fall Chinook Salmon Research Team**

- Completed spawn timing estimates for Imnaha, Salmon, Grande Ronde, Tucannon, M.F. Clearwater, S.F. Clearwater, Selway rivers and the Clearwater River upper reach 1992–2016.
- Completed fry emergence estimates for those same years and rivers including the Imnaha, Salmon, and Grande Ronde.

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Credit: Olson, FWS

Clara Peterson job shadows with the Coho team at Dworshak NFH.



Credit: Olson, FWS

Grady Wahl helps sort adult steelhead and coho salmon during his recent job shadow at Dworshak NFH.



Credit: Olson, FWS

Nez Perce Fisheries Biologist Tod Sween and job shadow student search for Pacific lamprey ammocoetes.

## Fall Chinook Salmon Research Team

(Continued from page 6)

- Provided travel time data for subyearling fall Chinook salmon between McNary and John Day dams to the USGS for a manuscript.
- Met with the project leader and USGS staff to discuss the project's future.
- Attended FINS training in Boise, ID.
- Corrected the galley proof of a manuscript on UAS application for the Canadian open access journal FACETS.
- Continued to work on a somatic energy use model.
- Assisted the NPT during radiotelemetry activities in Hells Canyon.
- Participated in a life cycle modeling work group session in Cook, WA with USGS and NOAA staff as part of the Adaptive Implementation Plan.
- Fit the first series of logistic regression models for predicting the probability of yearling ocean entry by juvenile fall Chinook salmon based on date of passage at Lower Granite Dam.
- Prepared for deepwater redd searches in Hells Canyon.

## Idaho Fish Health Center - Blair

October 2016

### Dworshak NFH

**Steelhead juveniles:** System 1 steelhead were found to have increased mortality in several ponds. Splitting high density ponds helped with the issues. However, IHNV, Costia, Bacterial Gill Disease (BGD), and high levels of Gyrodactylus were found to be contributing factors. Three ponds were treated with Chloramine T for Bacterial Gill Disease, and a formalin treatment was recommended for the Costia and Gyrodactylus.

System 2 steelhead had low mortalities but were seen to beginning to flash. Upon examination, low levels of the external parasites *Ichthyophthirius multifiliis* and Trichodina were seen in the gills and on the skin. As a result, formalin bath treatments were given to all ponds that were flashing.

October monthly monitoring was performed on System 3 steelhead in BP 58. Low levels of Ambiphyra, Sanguinicola, and bacteria were observed. A salt treatment was recommended due to increased flashing. Overall fish health in System 3 looked great.

**Spring Chinook juveniles:** Dworshak spring Chinook were examined on Oct. 18 for routine monitoring. Mortality was low at this time, however feeding rates and cleaning schedules were recommended to be checked to avoid Bacterial Gill Disease due to swelling and debris observed in the gills. Kidneys were sampled for Bacterial Kidney Disease monitoring by the ELISA test.

**Coho juveniles:** Monthly monitoring was conducted on the Coho juveniles on 31 October 2016. Although flashing behavior was observed in the semi-circular tanks, no parasites were observed. Further testing is pending.

**Coho Adults:** Coho adult spawning started 20 October 2016. Over 480 females were spawned by the end of October.

### Kooskia NFH

**Spring Chinook juveniles:** Kooskia spring Chinook were examined by fish health on October 21. *Ichthyophthirius multifiliis* was no longer seen on the gills and skin and should not be a further issue for this year as the hatchery was recently moved to its Clear Creek water source. Kidneys were sampled for Bacterial Kidney Disease monitoring by the ELISA test.

## Nez Perce Tribal Hatchery

**Fall Chinook Adults:** 158 samples were collected for ELISA, viral, and Whirling Disease testing during Takes 1 and 2 by fish health. Spawning went very smooth.

**Spring Chinook juveniles:** Juveniles at Newsome Creek were found to have Enteric Redmouth Disease at the end of Sept. Fish were treated in October with oxytetracycline medicated feed.



Credit: KNFH

Kamiah 5th grade students using the hatchery property to study aquatic invertebrates.



Credit: KNFH

## Kooskia National Fish Hatchery - Hills

This activity report is implemented by the Tribal Fish Hatchery Manager, Kent Hills. All information in this report was collected and or performed by the hatchery staff during the preceding month.

Under SRBA and the Clearwater Annual Operating Plan, the Tribe, Service and Idaho Fish & Game have agreed to implement other fish production actions related to KNFH mitigation. Reports will include additional information about other species reared, processed and released in relation to KNFH operations.

## Kooskia Chinook Brood Year 2015

There are 693,198 fish on station; this month the mortality was 97. They have been on well water at 49 °F until October 20th, when the fish were changed from well water to Clear Creek water at an average of 49°F. The fish are an average of 4.56 inches (116 mm) long they gained 1,825 pounds for the month and consumed 3,302 pounds of fish food. The Idaho Fish Health Center personnel were out and performed the October health evaluation. Results included no Ichthyophthirius seen on the gills or skin. There were low levels of Sanguinicola found on the gills, all fish had feed in their stomachs.

## Kooskia Chinook Brood Year 2016

Take 1, 2, and 3 have been shocked and enumerated. We currently have 763,349 eyed eggs in the hatchery stacks. Take 5 will be shocked and enumerated the first part of November; take 5 has approximately 30,112 green eggs. We are averaging an 85% eye up at this point. A total of 239 females were enumerated and a total of 3,750 eggs per female was the average fecundity.



Credit: KNFH

Coho adults were removed from the trap and transported to Dworshak for brood stock.

## Kooskia Adult Trap Operations:

A total of 791 Coho were removed from the trap this month. Total trapped consisted of 384 males, 344 females and 63 jacks. 17 Jacks were killed for CWT, 35 were out-planted and 739 were transported to Dworshak for brood stock. Brood stock needs have been met. The trap is still open and fish that are trapped at this time will be out-planted in the Clearwater Tributaries for natural spawning. Coho circular tank work at Kooskia is underway. At the end of the month, the tanks have been put together and are being fiber glassed. The cement has been poured for the base of the collection vault and the side wall forms are in place. We are hoping to complete this project in late November.

## Maintenance & Operations:

**Oct 04:** Take 1 reached 491 temperature units, they were shocked today.

**Oct 09:** Began enumerating take 1. Had an alarm at 3:29 PM, while in the office Kenny noticed the power go out then back on, the alarm went off indicating a power failure in the bio-filter, then another alarm indicating a low flow in the incubation system. Alarms were acknowledged. The incubation system, bio-filter, burrows ponds and the generator room were all checked. All appeared to be normal and the alarms reset.

**Oct 10:** Completed enumerating take 1, 48,710 good eggs, 7,839 bad eggs. There were also two high mortality culls.

(Continued on page 9)



Credit: KNFH

Installation of the recirculating tanks continues.



**Kooskia NFH - Hills**

(Continued from page 8)

**Maintenance & Operations (continued):**

- Oct 11:** A total of 39 Coho adults were removed from the trap and transported to Dworshak.
- Oct 11:** Kenny & Kent to Boise for a FINS class.
- Oct 14:** Contractors began construction on the new recirculation tanks.
- Oct 15:** A total of 50 Coho adults were removed from the trap and transported to Dworshak for brood stock.
- Oct 16:** A total of 50 Coho adults were removed from the trap and transported to Dworshak. Began shocking Take 2.
- Oct 17:** Installation of the recirculating tanks continues.
- Oct 19:** Began enumerating Take 2. 240 Coho adults were removed from the trap and transported to Dworshak for brood stock. The shade covers were removed from the Burrows ponds for the winter.
- Oct 20:** Changed the water in the Burrows ponds from well water to Creek water. The bio-filter was turned off and well 1 was turned off. The small pump in well 5 is still supplying water to the incubation system.
- Oct 21:** Fish health arrived for the monthly inspection of BY15, it was determined the fish were healthy with feed in their stomachs and parasite free. Finished enumerating Take 2, there were 325,880 live eggs and 56,245 bad eggs.
- Oct 22:** Began shocking Take 3.
- Oct 23:** A total of 60 adult Coho were removed from the trap and transported to Dworshak for brood stock.
- Oct 24:** A total of 60 adult Coho were removed from the trap and transported to Dworshak for brood stock. Completed shocking of Take 3 and began enumerating Take 3.
- Oct 25:** A total of 83 Coho were removed from the trap, 50 of which were jacks. 17 of the fish were killed for CWT and the rest were out planted.
- Oct 26:** Graduate students from McCall Outdoor Science School put on a class with Kamiah 5th grade students using the hatchery property to study aquatic invertebrate animals.
- Oct 26:** A total of 32 Coho were removed from the trap and transported to Dworshak for brood stock.
- Oct 27:** Lawn sprinklers and hoses were winterized and put away.
- Oct 29:** Finished enumerating Take 3; 388,759 live eggs, 66,237 bad eggs.

**Kooskia NFH Training and Conferences:**

- Oct 12:** Kenny & Kent to Boise for a FINS class.
- Oct 13:** Hatchery Manager attended a performance appraisal workshop in Lewiston
- Oct 17:** Fish and Wildlife Project Leaders Meeting.
- Oct 25:** SRBA meeting at DNFH.

## Information and Education

### **Dworshak - Jill Olson**

**Facebook:** Reach - 607; Engagements - 111 **Website:** Page Loads - 14; Unique - 13 ; First Time - 12; Returning - 1

**Visitors:** We received 155 visitors from 16 states.

**Tours:** Four tours were provided to 28 adults and one student. **Outreach:** Biologists on the Complex facilitated job shadow opportunities for three high school students. The students participated in adult steelhead sorting, splitting juvenile fish into rearing units, Coho salmon spawning, and field work with the Nez Perce Tribal Fisheries Pacific lamprey translocation project on the Clearwater River.

**Volunteer Hours:** Three volunteers contributed a total of 20.5 hours during the month. Idaho Youth ChalleNGe Academy continued to work every Friday in the month of October putting in about 192 hours into production and maintenance activities.

### **Kooskia - Kent Hills**

**Visitors:** There were 175 visitors to the hatchery during this month; this figure is compiled by staff.

**Outreach:** Graduate students from McCall Outdoor Science School put on a class with Kamiah 5th grade students using the hatchery property to study aquatic invertebrate animals.

## Staff List



### **Dworshak Fisheries Complex Management:**

Steve Rodgers, Dworshak Fisheries Complex Manager

Mark Drobish, Dworshak NFH Manager

Adam Izbicki (FWS) & Jeremy Sommer (NPT)  
Dworshak NFH Assistant Hatchery Managers

Mike Tuell, SRBA Coordinator

Scott Koehler, Dworshak NFH Maintenance Supervisor

Doug Nemeth, Project Leader, Idaho Fish and Wildlife  
Conservation Office

Mike Faler, Aquatic Conservation Lead

Dr. William Conner, Fall Chinook Research Lead

VACANT- Fish Production M&E Lead

Kent Hills, Kooskia NFH Manager

Gerry Fogelman, Kooskia NFH Maintenance Supervisor

**Dworshak NFH Production:** Angela Feldmann,  
Tom Tighe, Rob Bohn, Wayne Hamilton, Mike Bisbee,  
Tui Moliga, Steve Coomer, Carter Lopez, Zach  
Broncheau, Jayden Hudson, Steve Jeffers, Jayson  
Thompson, Aidan Frye

**Administration:** Heather Leopard- Administrative  
Officer, Brian Devlin- Budget Technician

### **Dworshak NFH Maintenance:**

Terry Weeks, Rick King, Rob Kellar, James Oatman,  
James Paddelty, Melissa Wright, Kurt McCorkle

### **Idaho Fish and Wildlife Conservation Office:**

Ray Jones, Aaron Garcia, Frank Mullins, Jody Brostrom,  
Chris Griffith

### **Complex Information and Education:** Jill Olson

**Kooskia NFH:** Kenny Simpson, Kayla Warden